

## WEST Search History for Application 10750806

Creation Date: 2009072909:50

recovery with workPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(recovery with work ) and (redo near phase)PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR 01-29-2009  
(recovery with work ) and (checkpoint or ("check point") or (check near point))PGPB, USPT,  
USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(recovery with work and (checkpoint or ("check point") or (check near point)) ) and (recovery  
with time)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
707/\$.ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(recovery with work and (checkpoint or ("check point") or (check near point)) and (recovery  
with time) ) and (707/\$.ccls. )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(709/201).ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(recovery with work and (checkpoint or ("check point") or (check near point)) and (recovery  
with time) ) and ((709/201).ccls. )PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR 01-29-2009  
(711/118 |711/119 |711/120 |711/121 |711/122 |711/123).ccls.PGPB, USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR 01-29-2009  
(711/209).ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
( ((711/118 |711/119 |711/120 |711/121 |711/122 |711/123).ccls. ) or ((711/209).ccls. ) ) and  
(recovery with work and (checkpoint or ("check point") or (check near point)) and (recovery  
with time) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
( ((711/118 |711/119 |711/120 |711/121 |711/122 |711/123).ccls. ) or ((711/209).ccls. ) ) and  
(recovery with work and (checkpoint or ("check point") or (check near point)) )PGPB, USPT,  
USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(checkpoint or ("check point") or (check near point)) with ("redo log")PGPB, USPT, USOC,  
EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
((checkpoint or ("check point") or (check near point)) with ("redo log") ) and (recovery with  
work )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
((checkpoint or ("check point") or (check near point)) with ("redo log") ) and sort\$3PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR 01-29-2009  
(checkpoint or ("check point") or (check near point)) same ("redo log")PGPB, USPT, USOC,  
EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") ) and recover\$PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ ) and  
timePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and  
time ) and (recovery same time)PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and  
time and (recovery same time) ) and (recovery near2 time)PGPB, USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and  
time and (recovery same time) and (recovery near2 time) ) and (length near2 time)PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and  
time and (recovery same time) and (recovery near2 time) ) and (length near2 time).clm.PGPB,

USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ("recovery time") same ("length time")PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 01-29-2009  
 (("recovery time") same ("length time") ) and (maximum near ("length time"))PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ("recovery time") same ("length time") ) and (maximum near5 ("length time"))PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 (checkpoint or ("check point") or (check near point)) same valuePGPB, USPT, USOC, EPAB,  
 JPAB, DWPI, TDBD OR YES 01-29-2009  
 failure same record same (chang\$3 or updat\$3 or delet\$3 or modificat\$4 or modify\$3)PGPB,  
 USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value ) and 27PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value and 27 ) and ("amount  
 time")PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time")  
 ) and ("length time")PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time")  
 and ("length time") ) and (writ\$3 or read\$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time")  
 and ("length time") and (writ\$3 or read\$3) ) and (reduc\$3 same ("amount time"))PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009  
 ((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time")  
 and ("length time") and (writ\$3 or read\$3) and (reduc\$3 same ("amount time")) ) and  
 blockPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 01-29-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
recovery with work	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(recovery with work ) and (redo near phase)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(recovery with work ) and (checkpoint or ("check point") or (check near point))	PGPB, USPT, USOC, EPAB,	OR	YES		07-29-2009

	JPAB, DWPI, TDBD				
(recovery with work and (checkpoint or ("check point") or (check near point)) ) and (recovery with time)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
707/\$.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
( 709/201).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(recovery with work and (checkpoint or ("check point") or (check near point)) and (recovery with time) ) and (( 709/201).ccls. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
( 711/118  711/119  711/120  711/121  711/122  711/123).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
( 711/209).ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
		OR	YES		07-29-2009

(( ( 711/118  711/119  711/120  711/121  711/122  711/123).ccls. ) or (( 711/209).ccls. ) ) and (recovery with work and (checkpoint or ("check point") or (check near point)) and (recovery with time) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
(( ( 711/118  711/119  711/120  711/121  711/122  711/123).ccls. ) or (( 711/209).ccls. ) ) and (recovery with work and (checkpoint or ("check point") or (check near point)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(checkpoint or ("check point") or (check near point)) with ("redo log")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) with ("redo log") ) and (recovery with work )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) with ("redo log") ) and sort\$3	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(checkpoint or ("check point") or (check near point)) same ("redo log")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same ("redo log") ) and recover\$	PGPB, USPT, USOC, EPAB,	OR	YES		07-29-2009

	JPAB, DWPI, TDBD				
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ ) and time	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and time ) and (recovery same time)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and time and (recovery same time) ) and (recovery near2 time)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and time and (recovery same time) and (recovery near2 time) ) and (length near2 time)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same ("redo log") and recover\$ and time and (recovery same time) and (recovery near2 time) ) and (length near2 time).clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
("recovery time") same ("length time")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
		OR	YES		07-29-2009

<b>((("recovery time") same ("length time") ) and (maximum near ("length time")))</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
<b>((("recovery time") same ("length time") ) and (maximum near5 ("length time")))</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>(checkpoint or ("check point") or (check near point)) same value</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>failure same record same (chang\$3 or updat\$3 or delet\$3 or modificat\$4 or modify\$3)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>((checkpoint or ("check point") or (check near point)) same value ) and 27</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>((checkpoint or ("check point") or (check near point)) same value and 27 ) and ("amount time")</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time") ) and ("length time")</b>	PGPB, USPT, USOC, EPAB,	OR	YES		07-29-2009

	JPAB, DWPI, TDBD				
((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time") and ("length time") ) and (writ\$3 or read\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time") and ("length time") and (writ\$3 or read\$3) ) and (reduc\$3 same ("amount time"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
((checkpoint or ("check point") or (check near point)) same value and 27 and ("amount time") and ("length time") and (writ\$3 or read\$3) and (reduc\$3 same ("amount time")) ) and block	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
"amount work"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
(checkpoint or ("check point") or (check adj2 point)) near value	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
("amount work" ) and ((checkpoint or ("check point") or (check adj2 point)) near value )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
		OR	YES		07-29-2009

("amount work" and (checkpoint or ("check point") or (check adj2 point)) near value ) and (reduc\$3 near3 ("amount time"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
((checkpoint or ("check point") or (check adj2 point)) near value ) and (reduc\$3 near3 ("amount time"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
("amount work" ) and (reduc\$3 near3 ("amount time"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
("amount work" and (reduc\$3 near3 ("amount time"))) ) and ((checkpoint or ("check point") or (check near point)) same ("redo log" )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
("amount work" ) and (reduc\$3 near3 ("amount time")).clm.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
712/228.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
714/16.ccls.	PGPB, USPT, USOC, EPAB,	OR	YES		07-29-2009



	JPAB, DWPI, TDBD				
<b>714/19.ccls.</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>(42 or 43 or (714/19.ccls. ) ) and ("amount work" )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>((42 or 43 or 714/19.ccls. ) and "amount work" ) and (reduc\$3 near3 ("amount time")).clm.</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>(42 or 43 or (714/19.ccls. ) ) and ((checkpoint or ("check point") or (check adj2 point)) near value )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009
<b>((42 or 43 or 714/19.ccls. ) and (checkpoint or ("check point") or (check adj2 point)) near value ) and (reduc\$3 near3 ("amount time")).clm.</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		07-29-2009